

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX051118\
 Data File : VX001643.D
 Acq On : 11 May 2018 17:01
 Operator : JC/MD
 Sample : J2741-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW151-180501

Quant Time: May 12 07:00:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	207539	56.24	ug/l	0.00
Spiked Amount			Recovery	=	112.48%	
35) Dibromofluoromethane	5.51	113	165254	54.01	ug/l	0.00
Spiked Amount			Recovery	=	108.02%	
50) Toluene-d8	8.72	98	581875	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.15	95	190419	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	

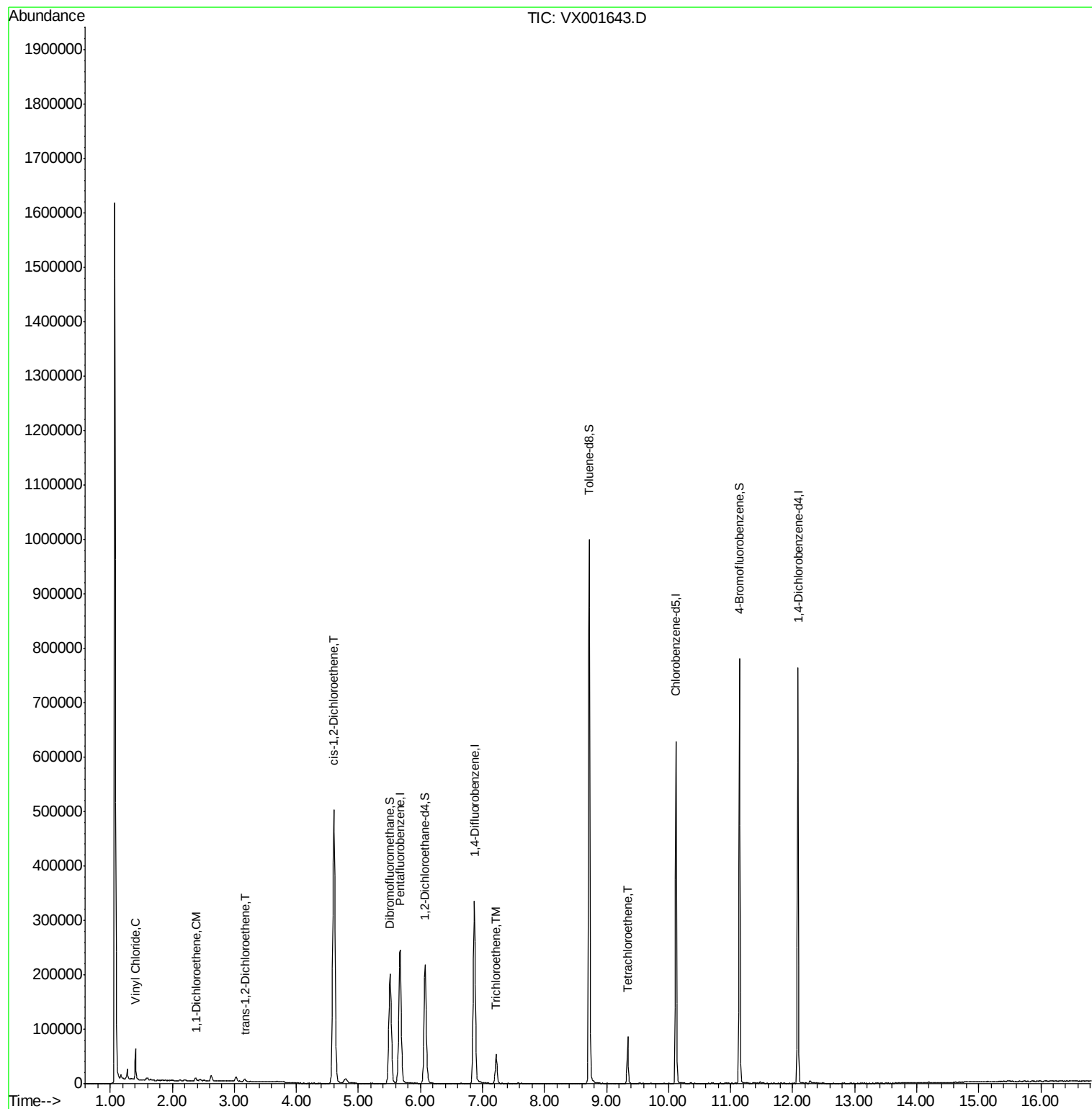
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	35615	10.14	ug/l	95
12) 1,1-Dichloroethene	2.38	96	1992	0.70	ug/l #	87
21) trans-1,2-Dichloroethene	3.17	96	1918	0.60	ug/l #	81
27) cis-1,2-Dichloroethene	4.60	96	320326	94.87	ug/l	87
44) Trichloroethene	7.22	130	20602	5.27	ug/l	99
64) Tetrachloroethene	9.34	164	18267	4.37	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001643.D

Acq: 11 May 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

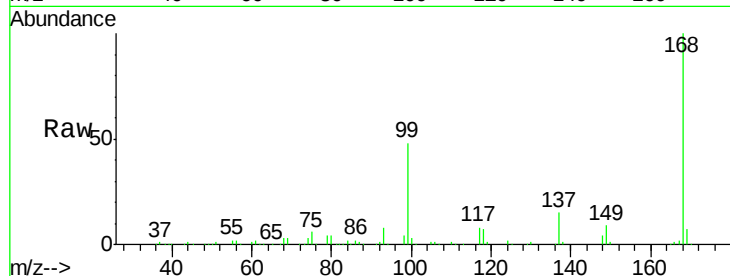
ST008MW151-180501

Tot Ion:168 Resp: 256733

Ion Ratio Lower Upper

168 100

99 48.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

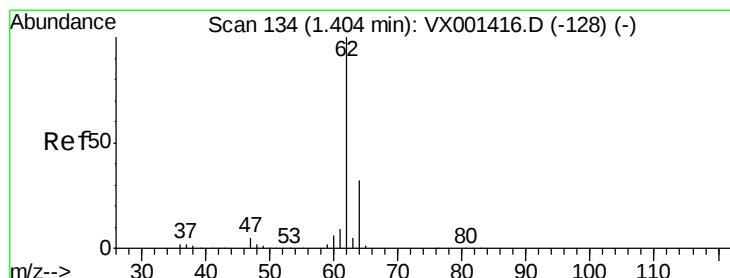
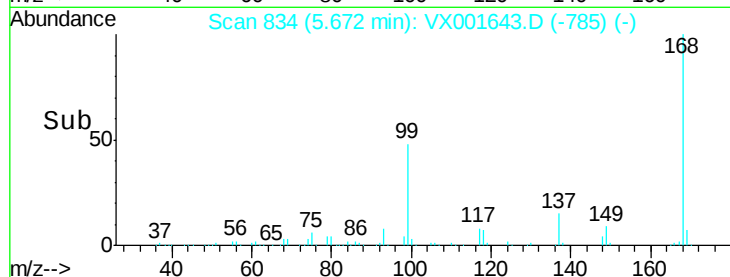
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 10.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001643.D

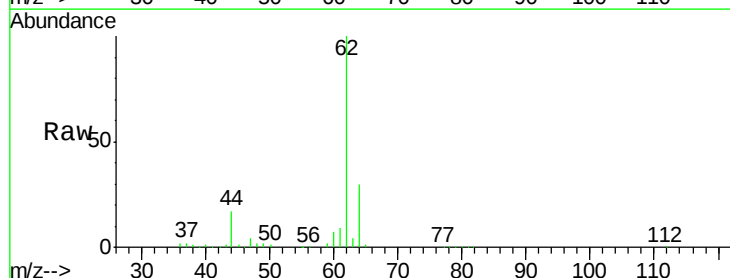
Acq: 11 May 2018 17:01

Tgt Ion: 62 Resp: 35615

Ion Ratio Lower Upper

62 100

64 29.7 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

40000

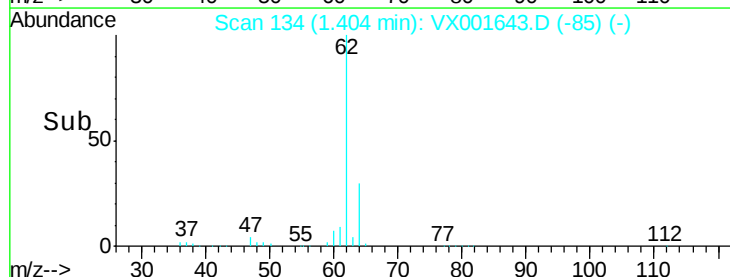
30000

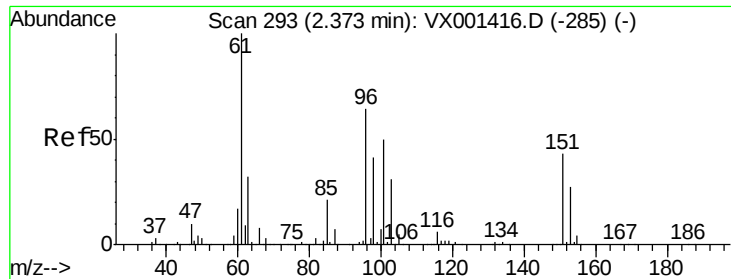
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.70 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001643.D

Acq: 11 May 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

ST008MW151-180501

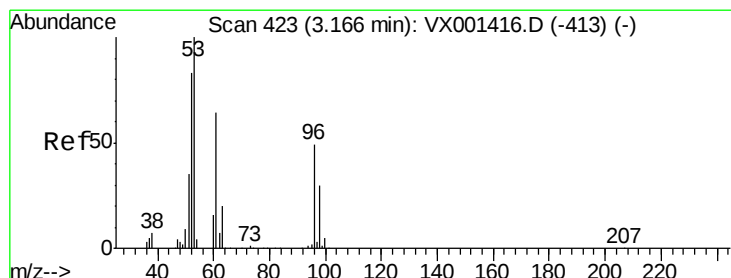
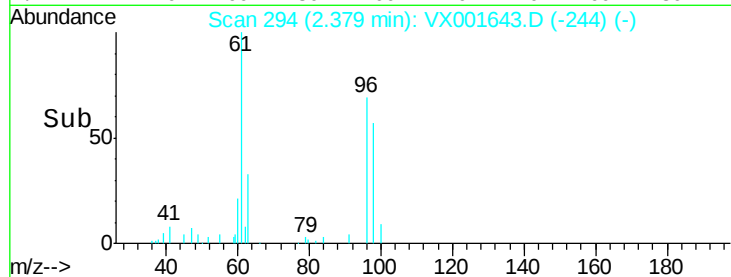
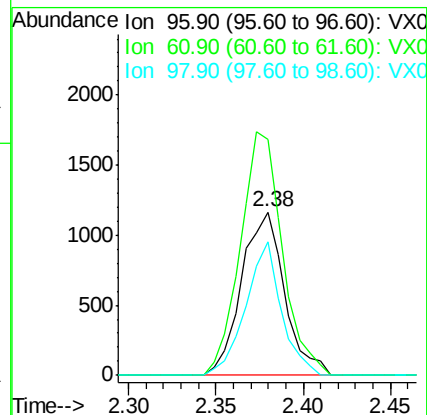
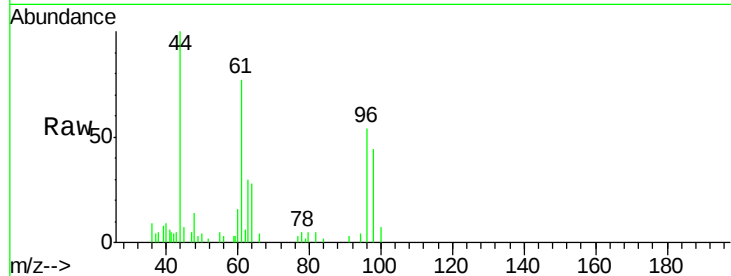
Tot Ion: 96 Resp: 1992

Ion Ratio Lower Upper

96 100

61 144.0 125.7 188.5

98 81.4 52.0 78.0#



#21

trans-1,2-Dichloroethene

Concen: 0.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001643.D

Acq: 11 May 2018 17:01

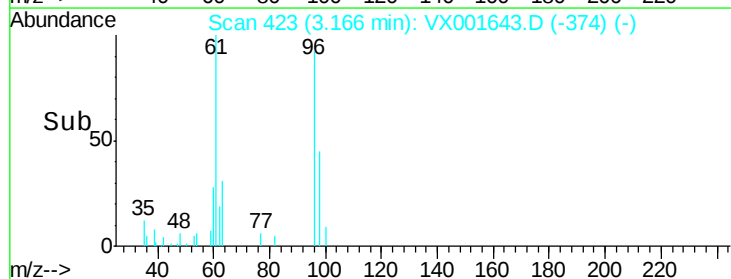
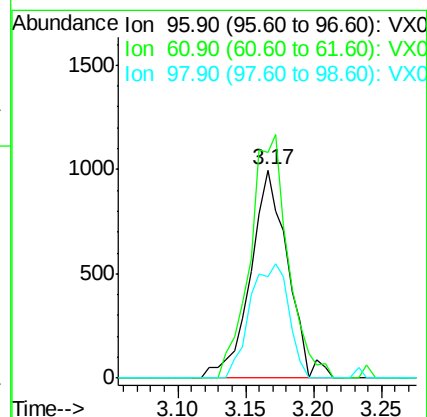
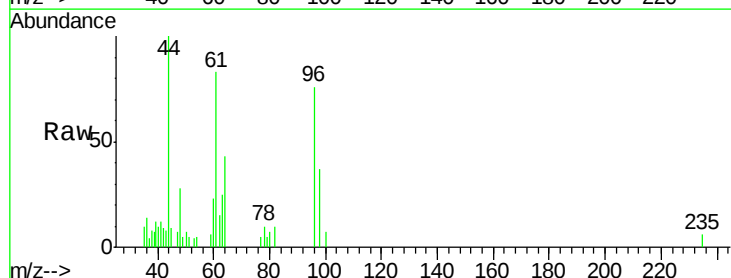
Tgt Ion: 96 Resp: 1918

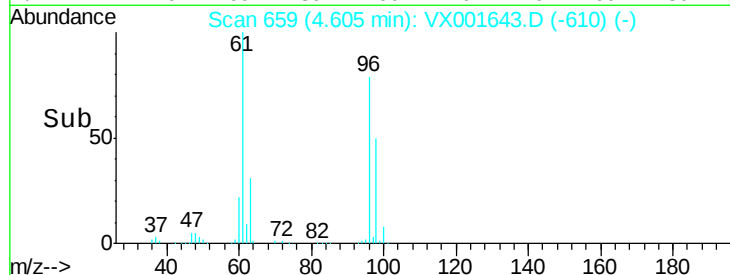
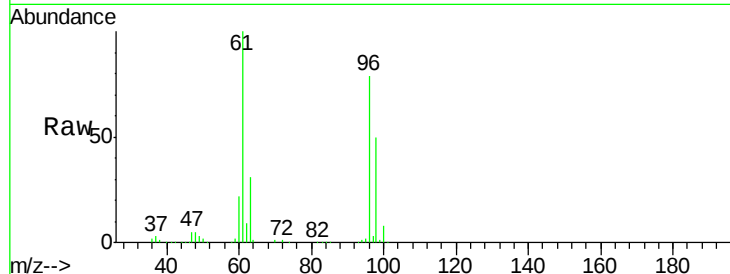
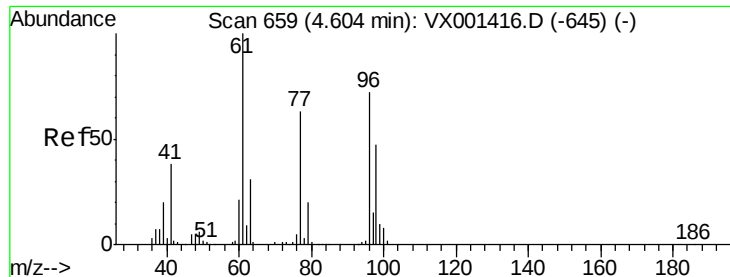
Ion Ratio Lower Upper

96 100

61 108.3 105.0 157.4

98 48.8 49.9 74.9#

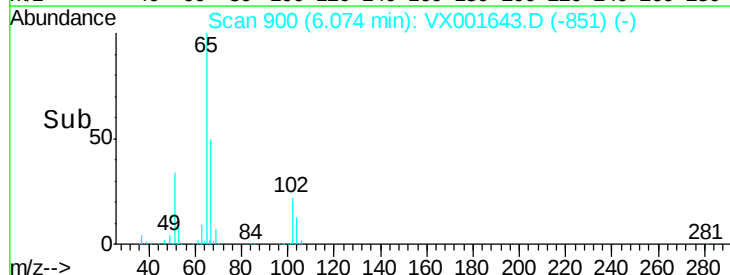
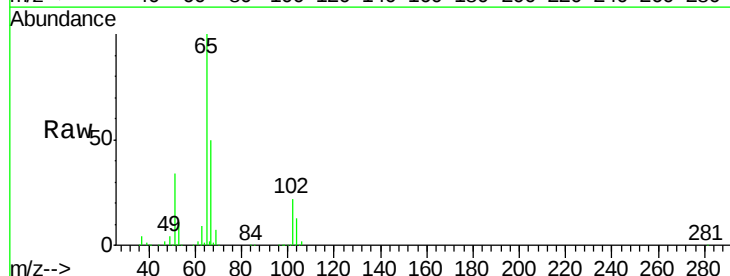
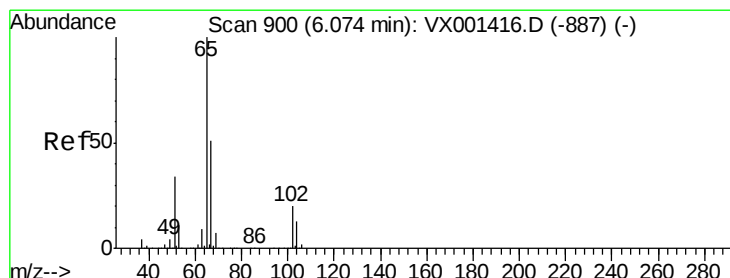
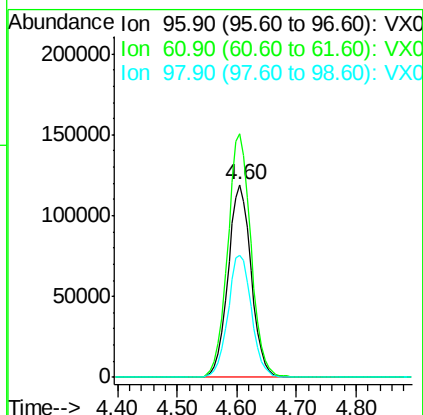




#27
 cis-1,2-Dichloroethene
 Concen: 94.87 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001643.D
 Acq: 11 May 2018 17:01

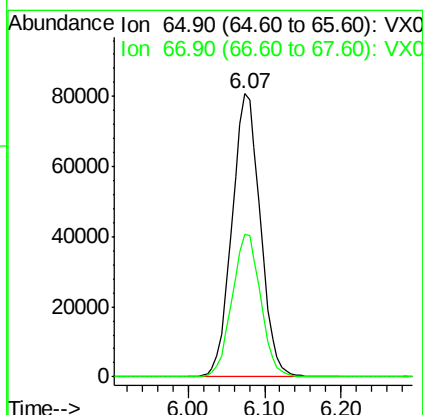
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW151-180501

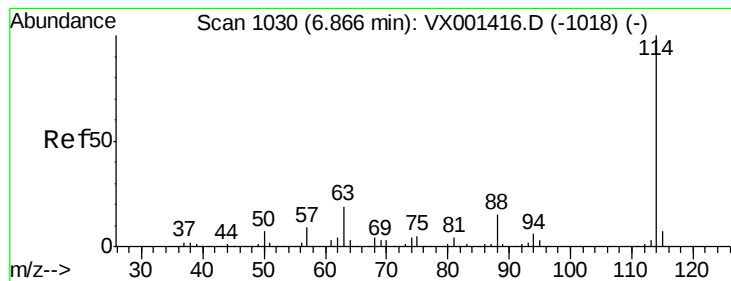
Tot Ion	Ratio	Lower	Upper
96	100		
61	127.2	0.0	301.6
98	64.7	0.0	131.6



#33
 1,2-Dichloroethane-d4
 Concen: 56.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001643.D
 Acq: 11 May 2018 17:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001643.D

Acq: 11 May 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

ST008MW151-180501

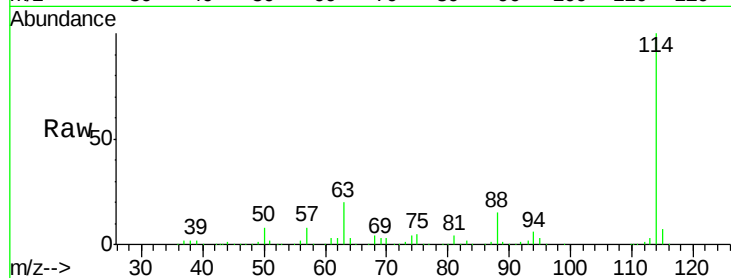
Tot Ion:114 Resp: 343991

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

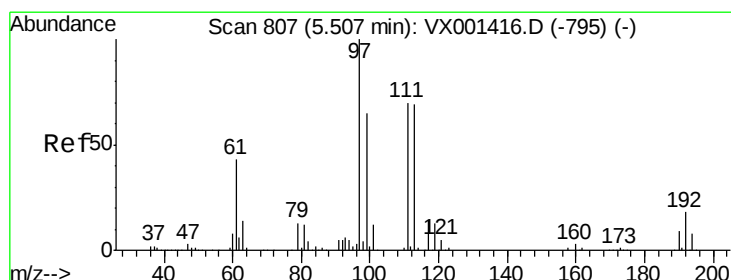
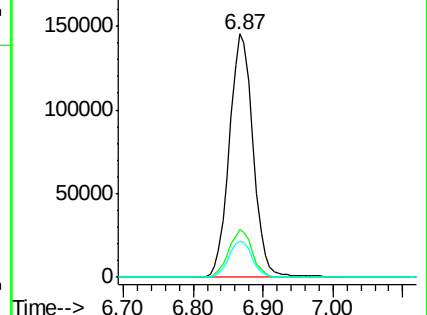
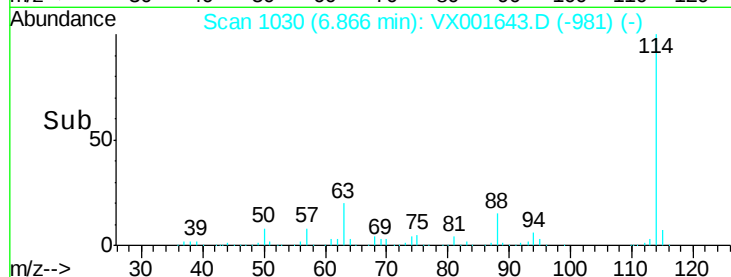
88 15.0 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 54.01 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001643.D

Acq: 11 May 2018 17:01

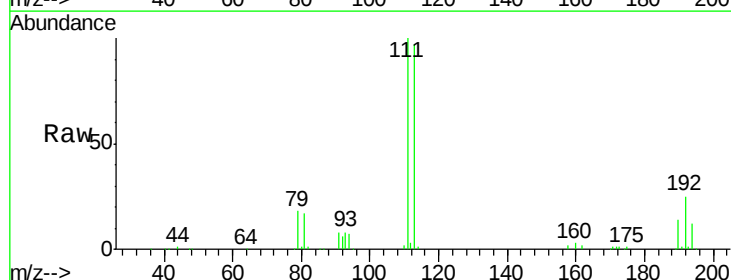
Tgt Ion:113 Resp: 165254

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

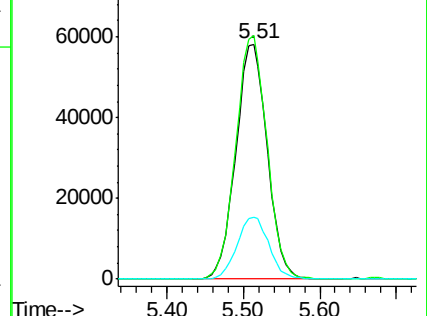
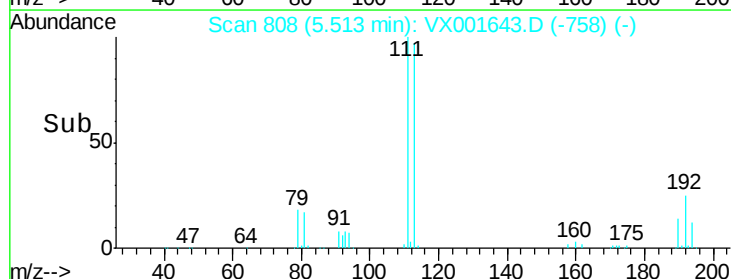
192 26.7 21.4 32.0

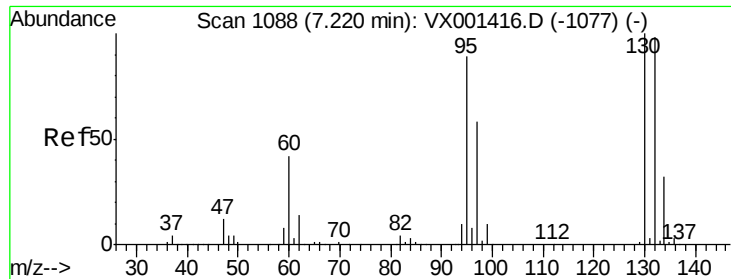


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 5.27 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001643.D

Acq: 11 May 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

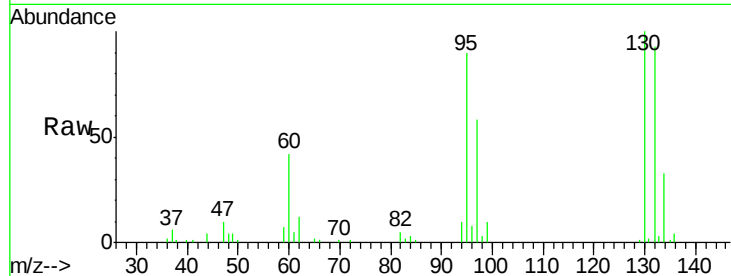
ST008MW151-180501

Tot Ion:130 Resp: 20602

Ion Ratio Lower Upper

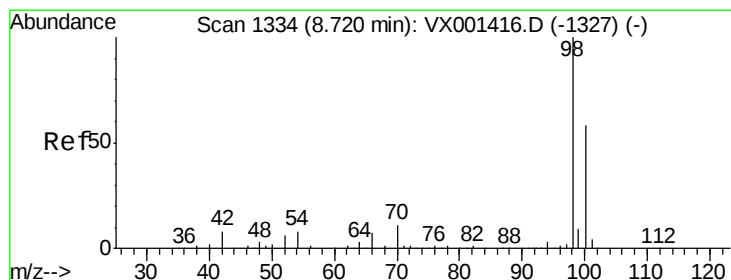
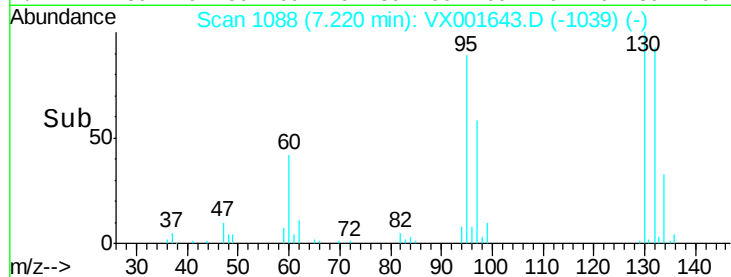
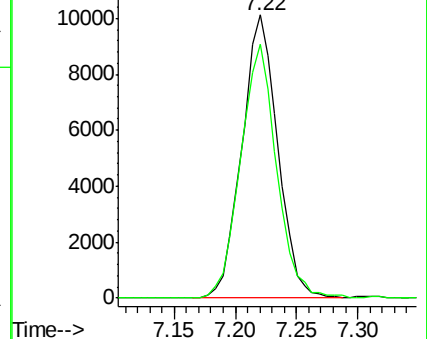
130 100

95 89.9 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.10 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001643.D

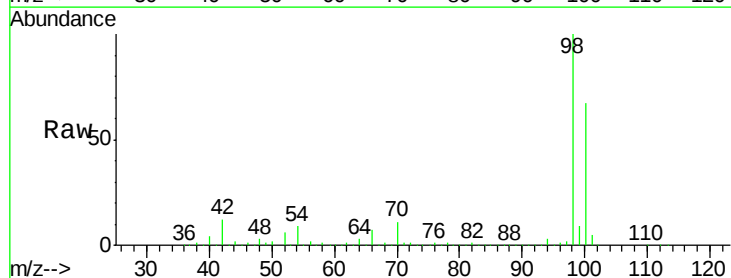
Acq: 11 May 2018 17:01

Tgt Ion: 98 Resp: 581875

Ion Ratio Lower Upper

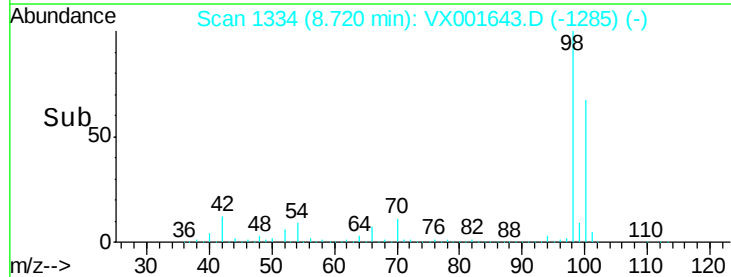
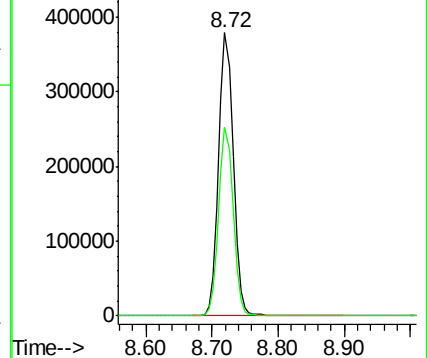
98 100

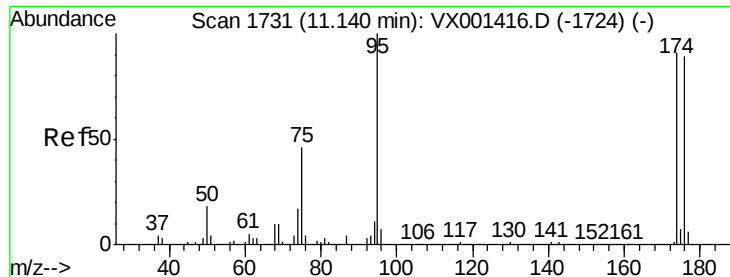
100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

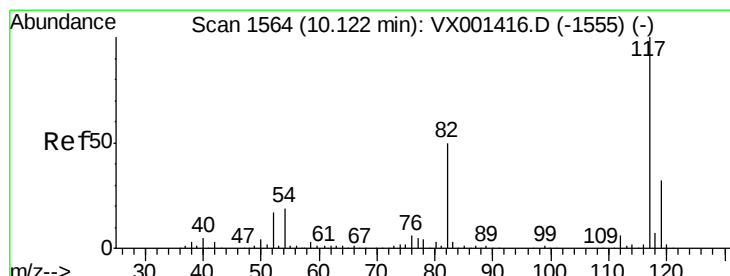
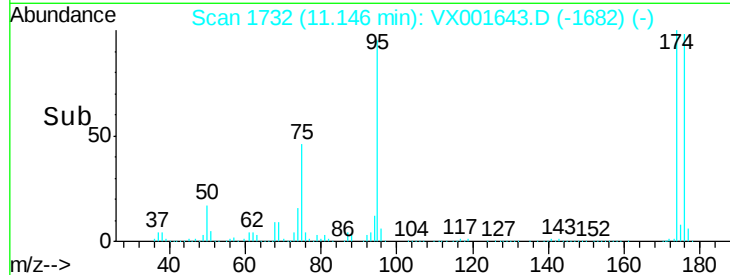
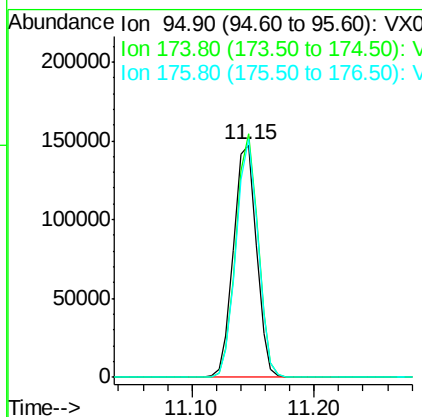
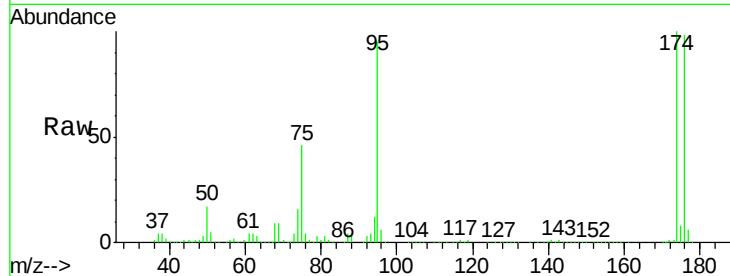




#62
4-Bromofluorobenzene
Concen: 44.41 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001643.D
Acq: 11 May 2018 17:01

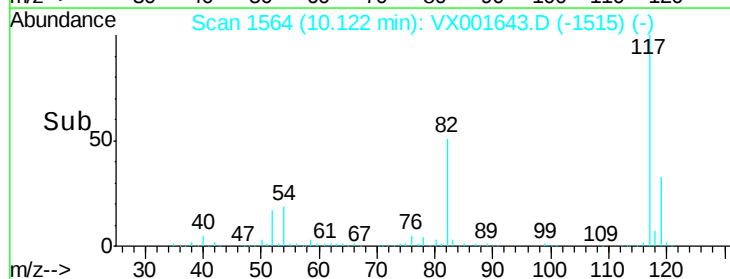
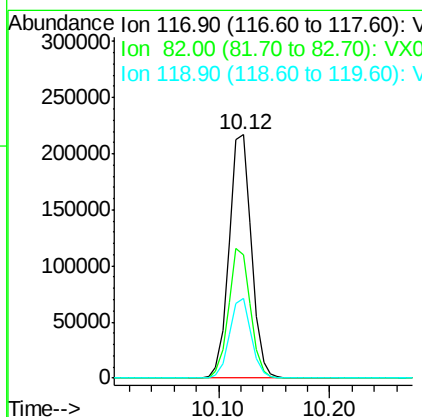
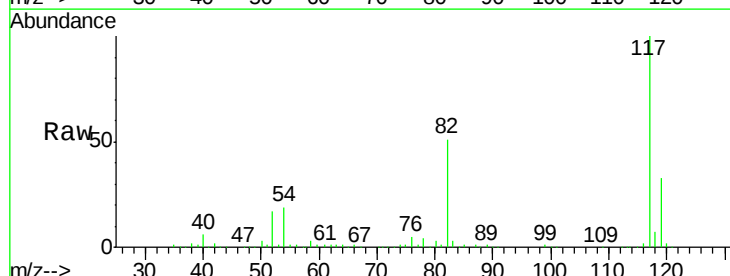
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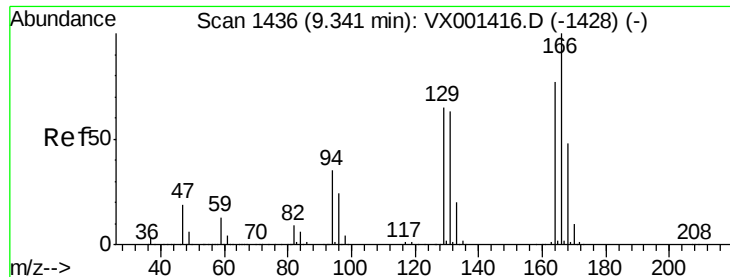
Tot Ion: 95 Resp: 190419
Ion Ratio Lower Upper
95 100
174 101.1 0.0 202.0
176 98.0 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001643.D
Acq: 11 May 2018 17:01

Tgt Ion: 117 Resp: 299733
Ion Ratio Lower Upper
117 100
82 50.7 40.0 60.0
119 33.0 25.8 38.8





#64

Tetrachloroethene

Concen: 4.37 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001643.D

Acq: 11 May 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

ST008MW151-180501

Tot Ion:164 Resp: 18267

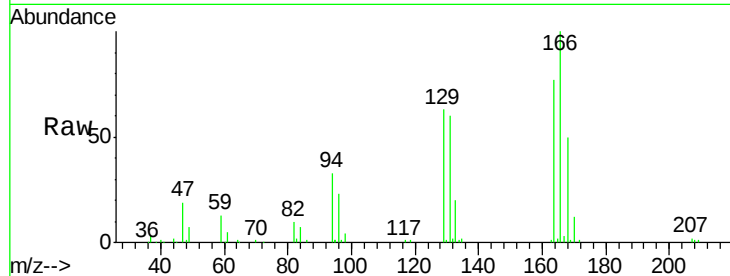
Ion Ratio Lower Upper

164 100

166 129.9 103.5 155.3

129 81.5 66.7 100.1

131 78.3 64.9 97.3

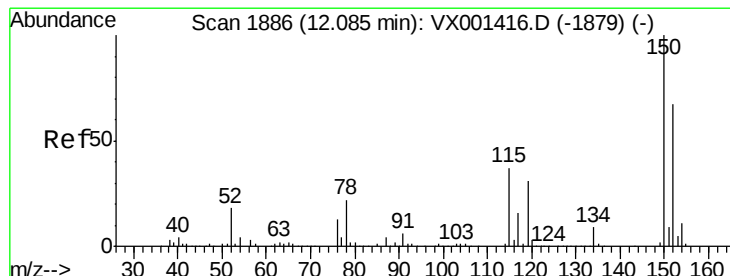
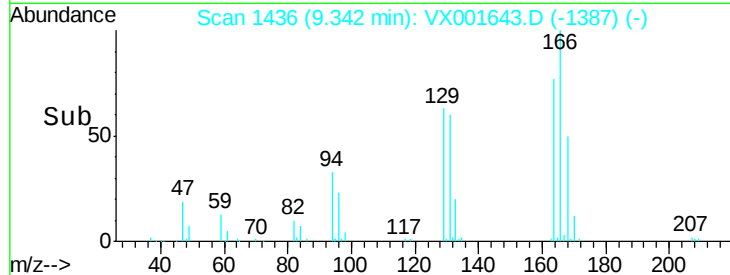
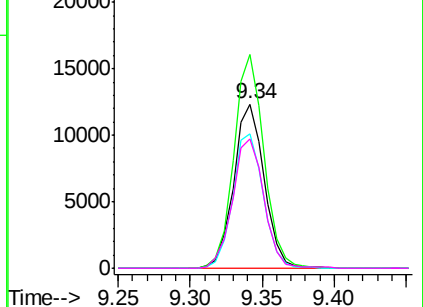


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001643.D

Acq: 11 May 2018 17:01

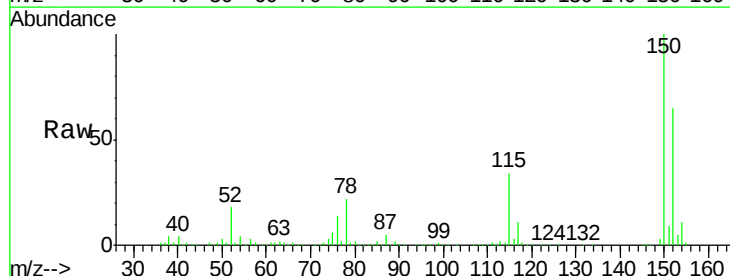
Tgt Ion:152 Resp: 161703

Ion Ratio Lower Upper

152 100

115 52.3 37.7 113.1

150 154.1 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

